



# **PATHWAY TO DECARBONIZATION PROGRAM**

Customized Carbon-Reduction Roadmap  
for Continued Success









# PATHWAY TO DECARBONIZATION PROGRAM (PDP)



## THE WORLD IS CHARTING A PATH TO CARBON NEUTRALITY — ALIGN WITH AUDUBON TO MAP YOUR SUCCESS

We are living in an era of accelerating decarbonization. Global energy requirements continue to rise, and the energy transition is taking the lead position across multiple markets and disciplines. Energy-intensive industries are now at a crossroads, tasked with supporting the power needs of a growing population and finding and implementing new ways of meeting the demand—all while mitigating climate risks, navigating complex regulatory requirements, and addressing aging infrastructure.

Staying in front of new energy transition challenges—and reaping the benefits of emerging decarbonization opportunities—requires innovation. Success on all fronts requires engineering and technical excellence, data-driven insights, proven technologies, project execution capabilities, and seamless collaboration that starts with the end in mind.

This is the intersection where Audubon innovates.

## CARBON-EMISSIONS SOLUTIONS FOR SUSTAINABILITY, PERFORMANCE, AND LONG-TERM BUSINESS GROWTH

For more than 20 years, Audubon Companies has worked with clients in the energy, power, utility, and infrastructure industries, providing executive consultancy support in planning and managing their carbon-reduction development goals. As a full-service engineering, procurement, and construction (EPC) company, we've built expertise that spans the entire energy value chain—from hydrocarbons to renewables and alternative fuels. Combining our proven phased methodology and technology-agnostic solutions, we develop and execute decarbonization strategies tailored to your specific emission-reduction targets.

Collaboration achieves success greater than the sum of its parts. That's why we partner with our clients to discover, design, and implement reduction solutions that work at every turn. Our goal is helping you navigate the energy transition with integrated carbon-reduction solutions that meet sustainability targets while maximizing operational performance and long-term profitability.









# 1 Align

## DEVELOPING THE CARBON-REDUCTION FRAMEWORK & STRATEGY

Audubon Companies' [Pathway to Decarbonization Program \(PDP\)](#) is a comprehensive framework that gives operators and developers a clear roadmap to decarbonize existing assets.

Our strategic framework comprises technical consultancy, project and operations expertise, carbon accounting, and technology-agnostic solutions to build a prioritized decarbonization roadmap with achievable outcomes. Whether you need to optimize one or multiple assets, your entire portfolio, across your business verticals or across geographies, our agile and flexible framework can scale to fit your scope.

During this initial alignment phase, we perform an in-depth analysis that includes conducting carbon baseline audits and defining decarbonization objectives. These actionable insights form the foundation for aligning targets and assessing the best opportunities for implementation.

### OUR ALIGNMENT PROCESS

- **Analysis:** We review and analyze market impacts, policy landscape, and business strategy.
- **Carbon Baseline Auditing:** We perform a baseline audit on select assets to set a baseline that enables a better understanding of current operations.
- **Objectives Definition:** We analyze, review, and define your decarbonization goals.
- **Target Setting:** We develop achievable targets aligned with your corporate objectives and strategy, policy landscape and carbon baseline.









# 2 Assess

## EVALUATING DECARBONIZATION OPPORTUNITIES

Leveraging powerful predictive analysis and intelligent modeling, we assess individual opportunities based on technical and economic parameters. We also consider potential carbon taxes and credits to forecast the rate of return and capital deployment. Each opportunity is evaluated based on carbon capture technologies, offsets, emission reductions, or alternative non-carbon fuels using defined targets as well as an objective, agnostic approach to selecting viable, proven technologies.

Working with you at every step, we outline all possible decarbonization opportunities and rank them based on technical, operational and commercial viability, carbon-reduction targets, and timelines. The result is a comprehensive roadmap to meeting your emission-reduction goals.

### CARBON CAPTURE

- Exhaust & Carbon Capture
- Emission-Control Technologies
- Sequestration

### OFFSET

- Product Portfolios
- Utilities

### REDUCTION

- Improved Process & Energy Efficiencies
- Operational & Maintenance Best Practices
- Digital Transformation

### ALTERNATIVES NON-CARBON FUELS

- Fuel Alternatives - Hydrogen, Biofuels, Renewable Fuels
- Renewables - Wind, Solar, Hydropower
- Electrification









# 3 Execute, Monitor & Report



## ACHIEVING GOALS FOR THE LONG TERM

Whatever your decarbonization goals, employing a structured evaluation process is crucial to meeting emission-reduction targets. Audubon's value-creating strategies and diverse capabilities enable us to traverse new policy opportunities and corporate initiatives to help you achieve your objectives—in the energy transition and beyond.

From the first stages of concept development and engineering, through selecting the optimal technologies, to final project implementation and throughout operations, we partner with you for the duration of your decarbonization journey. Our comprehensive turnkey engineering, technical expertise, and holistic management approach ensures successful project execution and continued optimization thereafter.

### HOW WE DO IT

- Technology Selection
- Engineering & Design
- Implementation
- Monitoring & Reporting

## DATA-DRIVEN MONITORING, VISUALIZATION & REPORTING

Tracking decarbonization progress is just as important as deploying the strategy. We offer a range of monitoring, visualization, and reporting services, including identifying and addressing fugitive emissions using state-of-the-art optical gas imaging and emission leak measurement tools. Our suite of innovative digital technologies provides real-time insight into sustainability performance and results.

## SPEAK WITH AN EXPERT TODAY

At every step of your decarbonization journey, Audubon Companies is your trusted partner. Our technology-agnostic solutions, engineering, and technical capabilities; deep industry expertise honed over decades; and local market experience help you address sustainability targets while maximizing operational performance, profitability, and business growth.

Contact us today to see how our decarbonization solutions can support your transition to a carbon-neutral future.





PEOPLE | FLEXIBILITY | RELATIONSHIPS | EXPERIENCE

Audubon Companies is a leading provider of engineering, technical, and management services. Leveraging innovative technology and deep industry expertise, we work across diverse market sectors to build a better world. With a focus on safety, we deliver reliable, sustainable solutions at every stage of the project lifecycle.

**For more information visit [auduboncompanies.com](https://auduboncompanies.com)**